



Issued June, 1925

# United States Department of Agriculture

## SERVICE AND REGULATORY ANNOUNCEMENTS

### BUREAU OF ANIMAL INDUSTRY

MAY, 1925

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

### CONTENTS

	Page
Changes in directory.....	43
Notices regarding meat inspection.....	44
Causes for condemnation of carcasses, March, 1925.....	44
Animals slaughtered under Federal meat inspection, April, 1925.....	45
Imports of food animals and meat products.....	45
Foreign meat-inspection officials.....	46
Summary of tuberculosis-eradication work in cooperation with States, April, 1925.....	46
Licenses for veterinary biological products.....	47
Anti-hog-cholera serum and hog-cholera virus produced under veterinary licenses, April, 1925.....	48
Instructions regarding sarcoptic scabies of cattle.....	48
Permitted disinfectants.....	49
Street-car fares in expense accounts.....	49
Instructions concerning pay rolls, etc.....	49
Federal business associations.....	49
Results of prosecutions for violations of laws.....	50
New publications of the bureau.....	50

### CHANGES IN DIRECTORY

#### Meat Inspection Granted

3-XX. Swift & Co. Refinery, Memphis, Tenn.

#### Meat Inspection Withdrawn

- 176. Chicago Public Abattoir, Chicago, Ill.
- 434. La Vencedora Co., Dubuque, Iowa.
- 904. Martin & Carlos, Cambridge, Mass.
- 979. Nashua Beef Co., Nashua, N. H.

#### Meat Inspection Extended

- 545. Republic Food Products Co., Chicago, Ill., to include the Purity Packing Co
- 1020. Webster Packing Co., Boston, Mass., to include the Phinney Manufacturing Co.

**Change in Name of Official Establishment**

\*104. Swift & Co., Eighteenth and Maury Streets, Des Moines, Iowa, and G. H. Hammond Co., Omaha Packing Co., Plankinton Packing Co., The Iowa Packing Co., instead of Iowa Packing Co., P. O. box 1476, and American Provisions Export Co., Fuller Packing Co.

**Change in Address of Official Establishment**

\*502. Standard Packing Co., Second Street and Winstanley Avenue, East St. Louis, Ill., instead of 1200 North Second Street.

947. Herman Diele, 82-86 Jackson Street, Hoboken, N. J., instead of 91 Jackson Street.

**Change in Name and Address of Official Establishment**

\*249. Corkran, Hill & Co. (Inc.), Sixth Street and Wilkens Avenue, Baltimore, Md., instead of Corkran, Hill & Co., Union Stock Yards.

\*364. The C. G. Kriel Co., 7-23 West Henrietta Street, Baltimore, Md., instead of C. G. Kriel Co., and Charles G. Kriel, 7-21 West Henrietta Street.

**Change of Official in Charge**

Dr. Hugh M. O'Rear, 401 Seventh Avenue North, Nashville, Tenn., succeeds Dr. J. P. O'Connor, who was acting in charge of hog-cholera and tuberculosis work at that station.

**Change in Address of Official in Charge**

Dr. J. S. Clark virus serum; office, 217 Federal Building, P. O. box 423, St Joseph, Mo., instead of care Anchor Serum Co., South St. Joseph, Mo.

Dr. E. F. Pickering, tuberculosis eradication, box 356, route 6, Houston, Tex., instead of Texarkana, Tex. (Tick-eradication work at Texarkana, Tex., has been discontinued.)

Dr. F. G. Miller, meat inspection, 3 Federal Building, Lewiston, Idaho, instead of 1 Federal Building.

**Remove from List of Officials in Charge**

Dr. G. M. Paxton, Little Rock, Ark., deceased.

Dr. E. I. Smith, Nashville, Tenn., deceased.

**NOTICES REGARDING MEAT INSPECTION****LABELING PRODUCTS "BAKED"**

In the administration of the meat-inspection regulations the term "baked" is held to be applicable to a product which has been heated in an oven for a sufficient time to assume the characteristics of a baked product, such as the formation of a brown crust on the surface, rendering out of the surface fat, and caramelization of the sugar, if applied. Cooking preparatory to baking is optional with the establishment.

The foregoing supersedes any previous ruling prescribing a specific temperature for baking.

**MARKING STOCKINETTE CONTAINERS**

Hams placed in stockinette which is covered by wrappings or other containers bearing trade labels or other approved markings are eligible for shipment from official establishments without markings on the stockinette.

**CAUSES FOR CONDEMNATION OF CARCASSES, MARCH, 1925**

Cause	Cattle	Calves	Sheep	Swine
Emaciation.....	555	267	202	122
Hog cholera.....				1,226
Inflammatory diseases.....	750	201	504	2,130
Immaturity.....		651		
Tuberculosis.....	5,073	65		6,210
All other causes.....	907	213	467	4,078
<b>Total.....</b>	<b>7,885</b>	<b>1,397</b>	<b>1,173</b>	<b>13,766</b>

\* Conducts slaughtering.

**ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION,  
APRIL, 1925**

Station	Cattle	Calves	Sheep	Goats	Swine
Baltimore	6,570	2,465	1,129	1	61,650
Brooklyn	4,798	12,083	22,326	16	79,159
Buffalo	6,449	6,641	5,745		
Chicago	155,493	84,147	241,632	20	388,442
Cincinnati	10,240	10,431	2,776	7	60,019
Cleveland	7,695	10,847	11,587		61,965
Detroit	5,792	7,845	4,313		78,680
Fort Worth	33,132	18,854	10,859	377	29,983
Indianapolis	14,328	4,092	1,382	6	77,166
Jersey City	5,111	11,070	22,145		56,954
Kansas City	85,499	23,099	118,356	16	144,361
Milwaukee	10,402	68,703	3,611		60,847
National Stock Yards	27,597	10,954	13,301		81,552
New York	30,037	51,864	109,696	10	72,129
Omaha	74,291	5,380	143,414	6	183,471
Philadelphia	8,345	8,970	12,318		75,915
St. Louis	12,529	4,393	3,519	4	117,898
Sioux City	34,402	2,522	20,252		154,206
South St. Joseph	28,466	7,326	95,392	4	55,705
South St. Paul	39,437	65,394	8,782		228,811
All other establishments	130,645	79,226	159,607	463	967,803
Total: April, 1925	731,258	496,306	1,012,142	930	3,036,716
April, 1924	689,190	465,720	859,774	5,891	4,073,248
10 months ended April, 1925	8,293,483	4,231,248	10,174,205	24,268	41,541,983
10 months ended April, 1924	7,745,739	3,790,126	9,570,335	28,451	45,851,364

Horses slaughtered at all establishments April, 1925, 993. Inspections of lard at all establishments, 112,022,834 pounds; compound and other substitutes, 31,905,888 pounds. Corresponding inspections for April, 1924: Lard, 168,093,172 pounds; compound and other substitutes, 33,989,710 pounds. (These totals do not represent actual production, as the same lard or compound may have been inspected and recorded more than once in the process of manufacture.)

**IMPORTS OF FOOD ANIMALS AND MEAT PRODUCTS**

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during April, 1925, with figures for other periods for comparison.

*Imports of food animals*

Country of export	Cattle	Swine	Sheep	Goats
Mexico	2,991	117	701	
Canada	11,788	6,886	157	
Total: April, 1925	14,779	7,003	858	
April, 1924	14,582	1,668	12,462	
10 months ended April, 1925	163,314	71,768	78,881	2,799
10 months ended April, 1924	163,033	2,645	54,342	7,851

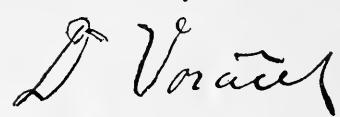
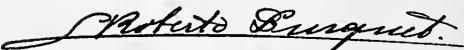
*Imports of meat and meat food products*

Country of export	Fresh and refrigerated		Canned and cured	Other products	Total weight
	Beef	Other			
Argentina	Pounds 6,386	Pounds	Pounds 1,006,375	Pounds	Pounds 1,012,761
Australia			3,672		3,672
Canada	358,099	1,390,488	135,289	8,716	1,892,592
Uruguay			369,689	132,900	502,589
Other countries			41,438	16,263	57,701
Total: April, 1925	364,485	1,390,488	1,556,463	157,879	3,469,315
April, 1924	1,481,314	1,872,931	1,081,259	20,493	4,455,997
10 months ended April, 1925	4,560,006	9,065,165	9,834,768	2,286,715	25,746,654
10 months ended April, 1924	14,387,911	5,336,086	8,207,589	1,127,084	29,058,670

Condemned in April, 1924: Pork, 14 pounds.

## FOREIGN MEAT-INSPECTION OFFICIALS

The following are additional names and facsimile signatures of foreign national Government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country and name	Signature
CZECHOSLOVAKIA	
Jan Hamr-----	
Joseph Kruliš-----	
Frantisek Voracek-----	
PARAGUAY	
Roberto Durquet-----	

## SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, APRIL, 1925

State	Tuberculin tests during month			Total to date			Inspector in charge	State official
	Herds or lots	Cattle tested	Cattle re-acted	Once-tested-free herds	Accredited herds	Herds under super-vision		
Ala-----	869	7,448	20	2,604	175	3,200	R. E. Jackson-----	C. A. Cary, Auburn.
Ariz-----	82	1,582	35	3,052	18	3,954	F. L. Schneider-----	S. E. Douglas, Phoenix.
Ark-----	212	730	0	2,916	52	3,101	H. L. Fry-----	J. H. Bux, Little Rock.
Calif-----	29	5,209	26	2,068	74	2,238	R. Snyder-----	J. P. Iverson, Sacramento.
Colo-----				1,106	49	1,337	W. E. Howe-----	C. G. Lamb, Denver.
Conn-----	482	10,282	793	525	603	1,789	R. L. Smith-----	J. M. Whittlesey, Hartford.
Del-----	144	1,830	132	1,731	920	3,262	W. G. Middleton-----	O. A. Newton, Bridgeville.
D. C.-----				253	26	286	J. A. Kiernan-----	
Fla-----	142	3,164	26	5,672	362	6,479	J. G. Fish-----	J. V. Knapp, Tallahassee.
Ga-----	608	4,725	41	5,401	23	6,237	A. L. Hirleman-----	P. F. Bahnsen, Atlanta.
Idaho-----	931	10,997	49	18,703	86	21,786	W. A. Sullivan-----	W. R. Smith, Boise.
Ill-----	9,830	98,521	4,800	62,203	1,046	76,089	J. J. Lintner-----	F. A. Laird, Springfield.
Ind-----	3,720	30,879	368	35,918	11,068	47,907	J. E. Gibson-----	R. C. Julien, Indianapolis.
Iowa-----	10,412	178,597	3,226	49,827	5,226	85,994	J. A. Barger-----	M. G. Thornburg, Des Moines.
Kans-----	2,782	35,227	239	15,213	926	16,853	N. L. Townsend-----	J. H. Mercer, Topeka.
Ky-----	1,609	8,083	48	34,730	284	40,617	W. F. Biles-----	W. H. Simmons, Frankfort.
La-----	235	3,831	58	1,900	41	3,133	A. F. Staub-----	E. P. Flower, Baton Rouge.
Me-----	434	5,238	65	13,071	2,049	15,599	J. B. Reidy-----	H. M. Tucker, Augusta.
Md-----	1,048	7,562	1,200	4,323	1,510	10,295	T. A. Ladson-----	James B. George, Baltimore.
Mass-----	183	3,419	405	724	217	1,354	E. A. Crossman-----	L. H. Howard, Boston.
Mich-----	3,516	33,340	258	60,379	169	63,463	T. S. Rich-----	H. W. Norton, Jr., Lansing.
Minn-----	1,239	29,228	506	11,957	5,742	20,114	W. J. Fretz-----	C. E. Cotton, St. Paul.
Miss-----	56	1,270	4	1,599	119	1,737	L. E. Lyons-----	P. P. Garner, Jackson.
Mo-----	989	10,695	90	53,121	829	56,340	Ralph Graham-----	H. A. Wilson, Jefferson City.

**SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, APRIL, 1925—Continued**

State	Tuberculin tests during month			Total to date			Inspector in charge	State official
	Herds or lots	Cattle tested	Cattle reacted	Once-tested-free herds	Accredited herds	Herds under supervision		
Mont.	250	5,403	4	19,265	153	20,129	J. W. Murdoch	W. J. Butler, Helena.
Nebr.	2,133	33,547	531	19,606	154	20,795	A. H. Francis	C. H. Hays, Lincoln.
Nev.	83	1,104	32	2,055	8	2,630	L. C. Butterfield	Edward Records, Reno.
N. H.	342	4,181	199	1,765	1,250	3,591	E. A. Crossman	A. L. Felker, Concord.
N. J.	330	4,760	393	1,232	486	2,078	W. G. Middleton	J. H. McNeil, Trenton.
N. Mex.	120	896	8	2,584	11	2,819	F. L. Schneider	Mat. Keenan, Albuquerque.
N. Y.	4,794	65,427	5,978	22,424	12,025	44,259	H. B. Leonard	H. J. Henry, Albany.
N. C.	3,808	10,919	26	145,898	117	159,713	W. C. Dendinger	Wm. Moore, Raleigh.
N. Dak.	1,617	31,360	293	18,450	2,864	24,272	H. H. Cohenour	W. F. Crewe, Bismarck.
Ohio	2,336	21,630	975	36,444	1,269	41,616	A. J. De Fosset	F. A. Zimmer, Columbus.
Okla.	44	1,835	8	97	499	623	H. Grafke	J. A. Whitehurst, Oklahoma City.
Oreg.	1,261	10,866	111	48,267	789	49,179	S. B. Foster	W. H. Lytle, Salem.
Pa.	3,936	31,860	2,222	24,345	3,452	30,814	P. E. Quinn	T. E. Munce, Harrisburg.
R. I.				28	30	63	E. A. Crossman	T. E. Robinson, Providence.
S. C.	90	1,742	40	803	179	5,372	W. K. Lewis	W. K. Lewis, Columbia.
S. Dak.	161	4,758	100	679	398	1,268	J. O. Wilson	A. E. Beaumont, Pierre.
Tenn.	173	3,753	89	12,085	227	12,539	J. P. O'Connor	W. B. Lincoln, Nashville.
Tex.	74	2,995	13	788	287	1,253	L. J. Allen	N. F. Williams, Fort Worth.
Utah	930	7,159	67	9,940	79	10,893	F. E. Murray	W. H. Hendricks, Salt Lake City.
Vt.	447	9,291	116	1,815	3,178	7,227	L. H. Adams	Edward H. Jones, Montpelier.
Va.	416	7,415	351	5,909	1,480	7,817	R. E. Brookbank	J. G. Ferneyhough, Richmond.
Wash.	885	10,529	363	29,953	113	32,054	J. C. Exline	Robert Prior, Olympia.
W. Va.	391	3,724	42	5,554	584	6,348	George W. Neff	John W. Smith, Charles-ton.
Wis.	1,927	48,375	813	50,887	6,436	63,501	J. S. Healy	John D. Jones, Jr., Madison.
Wyo.	(1)	(1)	(1)	5,478	9	6,210	John T. Dallas	A. W. French, Cheyenne.
Total	66,100	815,386	25,163	855,377	67,691	1,050,227		

<sup>1</sup> Report not received.

**LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS**

**LICENSES ISSUED**

United States veterinary license No. 17, dated May 20, 1925, was issued to the Beebe Laboratories (Inc.), Larpenteur Avenue and White Bear Car Line, St. Paul, Minn., for the preparation of the following products: Abortion bacterin mixed (bovine); abortion mixed bacterin (equine); abortion mixed bacterin (swine); abortion vaccine (bovine); anticalf-scour serum; anticanine-distemper serum; antiequine-influenza serum; antihemorrhagic-septicemia serum (for cattle); antihemorrhagic-septicemia serum (for sheep); antihemorrhagic-septicemia serum (for swine); antipig-dysentery serum; avian tuberculin; blackleg aggressin; blackleg filtrate; blackleg vaccine; calf-scour bacterin (mixed); canine-distemper bacterin (mixed); equine-influenza bacterin (mixed); hemorrhagic-septicemia bacterin; hemorrhagic-septicemia bacterin (for fowls); hemorrhagic-septicemia vaccine (for cattle); mallein; mastitis bacterin mixed (for cattle); mixed bacterin (avian); mixed-infection bacterin (for cattle); mixed-infection (for rabbits); mixed-infection bacterin (for swine); navel-ill bacterin mixed (for colts); normal horse serum; pig-dysentery bacterin (mixed); polyvalent bacterin mixed (canine); polyvalent bacterin mixed (equine); tetanus antitoxin; tuberculin.

United States veterinary license No. 162, dated May 16, 1925, was issued to the Monarch Biological Laboratories, Southeast Corner Missouri Avenue and Main Street, 623-625 New Nelson Building, Kansas City, Mo., for the pre-

paration of the following products: Abortion bacteria (bovine); abortion mixed bacterin (swine); abortion vaccine (bovine); autogenous bacterin; blackleg filtrate; canine-distemper bacterin; hemorrhagic-septicemia bacterin; hemorrhagic-septicemia bacterin (avian); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (equine); hemorrhagic-septicemia bacterin (cuniculi); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (porcine); influenza mixed bacterin (equine); keratitis mixed bacterin (bovine); mastitis bacterin (bovine); metritis mixed bacteria (bovine); mixed bacterin (avian); mixed bacterin (swine); navel-ill mixed bacterin (equine); pig-scour bacterin; polyvalent mixed bacterin (equine); streptococcus bacterin (equine); white-scours mixed bacterin (bovine).

United States veterinary license No. 21, issued April 23, 1925, to the Continental Serum Laboratories Co., Muscatine, Iowa, covers the following additional products: Hemorrhagic-septicemia bacterin; hog-cholera virus; mastitis mixed bacterin (bovine).

#### LICENSES TERMINATED

United States veterinary licenses No. 17, issued November 9, 1923, April 29, 1924, and August 20, 1924, to the Beebe Laboratories (Inc.), St. Paul, Minn., were terminated May 20, 1925, and license No. 17, dated May 20, 1925, was issued as indicated above for the products listed.

United States veterinary licenses No. 162, issued July 28, 1922, April 27, 1923, June 21, 1923, and November 6, 1924, to the Monarch Biological Laboratories, Kansas City, Mo., were terminated May 16, 1925, and license No. 162, dated May 16, 1925, was issued as indicated above for the products listed.

#### ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER VETERINARY LICENSES, APRIL, 1925

	c. c.
Ordinary serum-----	14, 642, 777
Clear serum-----	9, 634, 207
 Total serum-----	 24, 276, 984
 Simultaneous virus-----	 1, 720, 454
Hyperimmunizing virus-----	5, 787, 070

#### INSTRUCTIONS REGARDING SARCOPTIC SCABIES OF CATTLE

Interstate shipments of cattle affected with or exposed to sarcoptic scabies should be made in accordance with the following instructions, and employees of the bureau will be guided accordingly, until otherwise directed.

1. Cattle, exposed to or infected with sarcoptic scabies, which are moved for immediate slaughter may be handled as provided for at present in Regulation 3, B. A. I. Order 292.

2. Cattle, exposed to sarcoptic scabies, which are intended for interstate movement for purposes other than immediate slaughter may be handled in accordance with paragraph 2, section 3, Regulation 3, B. A. I. Order 292.

3. Cattle infected with ordinary cases of sarcoptic scabies may be moved interstate for purposes other than immediate slaughter, if dipped four times in a permitted dip 5 to 7 days apart, under supervision (a) of a bureau inspector, and so certified by such inspector, or (b) such cattle may be shipped after two such dippings provided proper arrangements have been made for the third and fourth dippings under bureau supervision en route or at destination. If shipped in the latter manner the cars containing the cattle shall be placarded and the billing shall be marked "Dipped scabby cattle" in accordance with section 4, Regulation 3, B. A. I. Order 292.

When cattle infected with sarcoptic scabies are moved interstate after being dipped twice at point of origin as provided in paragraph 3 above, the State authorities at destination should be notified and the cattle inspected about 30 days after the fourth dipping to determine whether further treatment is necessary to effect a cure.

Cattle affected with chronic cases of sarcoptic scabies, especially aged bulls and cows showing thick scabs and thick, deeply wrinkled, leatherlike skin, should not be certified for interstate movement for purposes other than immediate slaughter regardless of the number of dippings. Such cattle, however, may be held for 60 days after the last dipping and if upon inspection they are found to be free from scabies they may be certified for interstate movement for any purpose.

### PERMITTED DISINFECTANT

In accordance with the provisions contained in the regulations of this department governing the interstate movement of livestock (B. A. I. Order 292), the bureau has granted permission for the use of "Acresol Cresol Compound," manufactured by The Selig Co., 12 Latimer Street, Atlanta, Ga., as a saponified cresol solution, in the general disinfection of cars, yards, and other premises.

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### STREET-CAR FARES IN EXPENSE ACCOUNTS

Hereafter the rubber stamp regarding street-car fares when applied to station expense vouchers must be initialed by the claimant. At a station where the inspector in charge claims fares used by employees on his force, taking sub-vouchers therefor, the rubber stamp should not be applied to the subvouchers.

This stamp should not be used in regular travel accounts, because the use of it in accounts to which it does not apply lessens its effectiveness in those to which it does apply.

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### INSTRUCTIONS CONCERNING PAY ROLLS, ETC.

1. Omit appropriations from back of rolls and face of Form 3 vouchers.
2. Indicate street or room number or post-office box in connection with address. On Form 3 for employee other than inspector in charge indicate "c/o inspector in charge," with his name and address.
3. Use Form 1015 for more than 20 employees; 1015d for 20 or fewer.
4. Use Form 3 (a) for individual salaries; (b) when employee is paid from more than one appropriation; (c) when employee is transferred from one station to another. In last case whole salary should be claimed by station to which transferred. At stations where some are claimed on Form 3, such names should also appear on roll with salary blank and notation in remarks column "Form 3."
5. Total and carry forward all columns and all pages. Show net amount on back.
6. Consult salary tables for correct amounts for different months and for fractions of a month.
7. Indicate correct title and salary rate according to last appointment paper.
8. Do not sign pay roll. Initial on back in front of space for title of bureau approving officer.
9. Do not send in yellow (memorandum) sheets.
10. Group names on rolls according to appropriations under proper subheading, as "meat inspection," "inspection and quarantine," "eradication cattle ticks," "salaries," etc. Be sure to make separate subheading for clerks who are paid from "salaries." (Some are not.)
11. The total of each appropriation and the grand total, on both the roll and T52, must correspond, showing net amounts only. Do not include Form 3 amounts on T52.
12. A roll accompanied by one or more Form 3 vouchers need not be accompanied by separate time report for each Form 3. Names should be on regular sheet covering roll.
13. Be sure to indicate sheet and line number (upper right-hand corner of paper) in connection with the first (only) salary claimed under a new appointment, reinstatement, promotion, readjustment, demotion, restoration, or any change of status whatsoever, and in connection with last salary in case of resignation or termination.
14. Be sure to forward oath for each new appointee before claiming salary; otherwise the salary can not be paid.
15. These directions must be strictly observed, and hereafter rolls will be returned for any substantial deviation therefrom. Clerks working on rolls and time reports must *study them carefully*. Check these items each month before forwarding rolls.

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### FEDERAL BUSINESS ASSOCIATIONS

By memorandum 532 of the Secretary's office, dated April 29, 1925, department employees are instructed with regard to Federal business associations. The memorandum says:

Attention is invited to previous memoranda issued by the department relative to the organization of Federal business associations in many of the principal cities throughout the country, and requesting all officers and employees of the Department of Agriculture to cooperate to the fullest extent in connection with these agencies and to avail themselves of the services which they are prepared to render. The spirit of cooperation displayed by the field personnel of the department in these matters has been highly commendable.

Recently it has been pointed out that with recurrent changes in the field forces a clear understanding does not in every case exist as to the program of cooperation between the field forces of the several departments and these coordinating agencies, as laid down by the President as a general policy of the Government. It is pointed out that the chain of Federal business associations throughout the country is the branch of the coordinating service which most effectively carries the spirit of cooperation to the widely scattered army of Federal officials, that the success and usefulness of these associations depend, of course, upon the active interest of the individual members, and that it is important that such interest be shown by the officials of all local branches of the Government.

In order to meet the situation caused by changes of personnel in the field service and to insure the fullest possible support to the President's policy of economy and efficiency in the transaction of Government business, it is hereby established as a definite policy of the department that all executive officials and their principal subordinates connected with the field units of the department throughout the United States and its possessions shall associate themselves with the local Federal business associations, wherever they have been organized, and that they shall take an active interest in the work of these associations. It is also desirable that officials of the department take an active part in the formation of new Federal business associations in places indicated by the coordinator for the area in which they are located. These associations are active, constructive, executive auxiliaries, contributing powerfully to efficient Federal business organization by cooperative effort between the various departments.

## RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

### TWENTY-EIGHT-HOUR LAW

Missouri Pacific Railroad Co. (3 cases), \$300 fines.  
St. Louis Southwestern Railway Co., \$100 fine.

## NEW PUBLICATIONS OF THE BUREAU

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies sent varies with the subject or nature of the publication and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Department Bulletin 1318. Steer Feeding in the Sugar-Cane Belt. By J. R. Quesenberry, Animal Husbandry Division. Pp. 14, figs. 6.

Farmers' Bulletin 909 (revised). Cattle Lice and How to Eradicate Them. By Marion Imes, Zoological Division. Pp. 24, figs. 14.

Farmers' Bulletin 1337 (revised). Diseases of Poultry. By Bernard A. Gallagher, Pathological Division. Pp. 28, figs. 14.

Farmers' Bulletin 1376 (revised). Natural and Artificial Brooding of Chickens. By Alfred R. Lee, Animal Husbandry Division. Pp. 18, figs. 14.

Farmers' Bulletin 1437. Swine Production. By E. Z. Russell, Animal Husbandry Division. Pp. 30, figs. 18. (Supersedes Farmers' Bulletin 874.)

A Test of Raw Onions in the Diet as a Control Measure for Worms in Dogs. By M. C. Hall, J. E. Shillinger, and E. B. Cram, Zoological Division. In Journal of Agricultural Research, vol. 30, No. 2, January 15, 1925. Pp. 155-159. Key No. A-92.

Amendment 34 to B. A. I. Order 287. To prevent the spread of foot-and-mouth disease in cattle, sheep, other ruminants, and swine. Permits interstate shipment of cattle and other animals for immediate slaughter from those portions of Tuolumne and Mariposa Counties, Calif., outside of Stanislaus National Forest. P. 1. Effective May 27, 1925.